



## By Their Fruits Ye Shall Know Them.

Farmers ought to know that, as a class, their reputation is not high in regard to their living well, and especially with regard to the useful fruit on their tables. Of small fruits they have so few that industrious and intelligent mechanics, living in cities and towns, when they happen to sit at farmers' tables, think it surprising, for it is supposed that farmers have everything good. The diet is bread, potatoes and meat, almost without exception year in and year out. Dried fruit is, or it used to be, in fair supply; but when sweet apples are used instead of sugar to sweeten the sour, the taste is far from inspiring. And yet, with a little labor and attention, strawberries can be grown in sufficient quantities for canning; also, gooseberries and currants, whenever its great enemy, the currant worm, is not destructive. A jelly can be made from apples both cheaply and plentifully, and it is exceedingly palatable. Quinces can be grown almost everywhere without difficulty, while cherries and plums, at least of some sorts, can usually be produced. Whatever may be the difficulties in particular localities with regard to growing fruit trees, the small fruits almost invariably do well, and it may be said, also, that if a variety of trees are planted, some of them at least will be quite sure to bear every year.

It may be said that if a farmer lives any considerable number of years in one place and has not fruit to supply the table, he is either lazy or shamefully neglectful. The chance is that he is lazy; and, as a consequence, his children are not likely to improve upon the stock, while the prospects are that they will degenerate into criminals. Boys living in homes where fruit is scarce will be almost certain to steal it, and when conscience is once weakened, other stages are easy and natural.

The growing of fruit is so important that many other good qualities and habits are connected therewith, and, firstly, for the reason that the habit of thorough cultivation is established. One who grows fruit will also be certain to grow all kinds of vegetables and to take a pride in showing his garden. Secondly, he will be certain to cultivate such farm crops as he undertakes to grow, with much greater care, and it may be truthfully said that the foundation of agriculture is horticultural knowledge. More than this, a fruit-grower comes to have a refined taste and a generous sensibility; and he will naturally encourage his wife in the cultivation of flowers; he will see that his dwelling has pleasant surroundings of evergreens and other trees, while he will seek to abbreviate and make pleasant the labors of his family within doors by securing conveniences and improvements, and be making home more attractive and the children happier and better.

Among the rights which women have not claimed is that of having more industrious and more enterprising husbands, and almost all farmers' wives suffer for want of such. They work and slave and suffer mortification because their husbands spend hours in idleness when they might plant and cultivate fruit and add to the adornments of home. Farmers talk about hard times and railroad monopolies and the extortions of merchants and tradesmen, while they lose hundreds if not thousands of dollars by neglecting to plant fruit and to improve their homes; and their children following their example, of necessity take the downward road. Farmers want more energy, more judgment, more refinement, more sense.

**Horses.** If they have been fed on straw during the winter, it is now time to give them a little hay or more grain. Work very moderately at first and especially avoid fast driving. Get the horses into good condition. To do this, work regularly, feed liberally, and groom thoroughly. Give a tablespoonful of salt to each horse every day for a week, and then after that give the horses every day all the salt they will eat. The only reason that animals eat more salt than is good for them is because they have not access to it at all times. At this season horses are changing their coats and are quite liable to catch cold. Be careful to blanket them when they have to stand exposed to the wind.

Three-horse teams should always be used wherever practicable. They are far more effective than two horses. One man can manage three horses as well as two, and will accomplish half as much again work. For plowing, harrowing, rolling, cultivating, drawing off heavy stones on a stone-boat, and for drawing heavy loads on a wagon, there is great economy in using three horses.

An Irish girl in Jacksonville, Illinois, has refused one hundred dollars for her hair. It reaches the floor when she stands erect.

## Growing Grass.

L. F. Lawrence of Epping, N. H., contributes to *The Maine Farmer* an interesting account of his successful experience in growing grass. Five years ago he purchased a field of 50 acres, which though seeded to grass, was in poor condition, yielding only enough hay to winter two oxen, three cows, 20 sheep and a horse. During four years he plowed up the whole of this field and sowed it down to grass, nicely leveling the surface, making furrows to serve as ditches where there was surface water, sowing 12 quarts of timothy per acre and brushing in the seed lightly. For manures he used ashes, ground bone, guano and superphosphate and plaster, brushing them in lightly; the quantities per acre being 100 bushels of ashes, leached; 200 pounds guano, with 300 of superphosphate or 600 pounds of the latter alone; on poor parts of the field the quantities were increased. The grass was mowed each year, until after three years the sod was plowed under and the land reseeded. All the resources of the farm were available for adding to the supply of manure, leaves, sink water and muck being applied as top-dressing. The result is that 50 acres of land produced each year hay enough to fill a barn 100 feet long, 40 feet wide, and with high posts; and that there is \$1,200 worth of hay sold, in addition to \$450 worth of fruit, wool, lambs, and potatoes per annum, at a cost for labor of not over \$250. Three hundred dollars expended in such fertilizers as are used have been found to improve the farm as the consumption of \$1,200 worth of hay on it would do, and the profit is clearly double in money, and the saving in labor one-half. Mr. Lawrence believes in grass, and carries his belief into practice.

**Diseases of Hogs.** The Planter and Farmer gives these receipts for the treatment of cholera, mange, and worms in hogs: "There are but three diseases requiring treatment, which are mange, cholera and worms in the kidneys, commonly called breaking down in the loins. For mange, wash well with lye soap, and then put liquor. For cholera, if I know the disease, as soon as you see the hog begin to droop and try to vomit, gag him, and give him twenty grains of calomel made into a pill. If you have been in the habit of giving your hogs spirits of turpentine at the rate of one tablespoonful to the hog, put it on corn, and you will rarely be troubled with this fatal disease. "If the first dose of calomel does not relieve in twenty-four hours, repeat the dose. I rarely have to repeat it if administered in time. We sometimes see hogs dragging their hind-legs. This is caused by worms in the kidneys, and may be easily cured by giving a tablespoonful of turpentine every morning for three or four days mixed with corn. Hogs which have been feeding on acorns are most subject to this disease, and should have the turpentine at least twice a week while feeding on this mast. Every hog-feeder should keep a bottle of the spirits of turpentine, and give it occasionally through the year; he will find it of great benefit to his hogs. I have practiced this for twenty years successfully. It seems to be a specific for all hog diseases."

**Seed Potatoes.** An old Maine farmer, in giving his ideas on seed potatoes, says that we use too ripe seed when we propagate from tubers that have lain in the ground until dead ripe. He says that "plants that are propagated by tubers require different treatment from those propagated by seeds." Our corn and grains that we use for seed we like to have stand a little longer than the main-crop, and become perfectly matured. On the same principle our corn is selected from the ripest, best developed ears and kernels. But potatoes for seed should be dug and placed in a cool, dark cellar, just as soon as a majority of them will slightly crack open in boiling. This is most invariably while the tops are yet green and growing fast. The tubers are then in the most vigorous state. Discontinue them from the parent stalk at that time and they retain their vigor. Instead of deteriorating, as most of us know the older sorts have, their vitality is increased, and they yield better, with less tendency to rot. As long ago as 1815, and subsequently, observations led him to make some experiments to test the theory, and he finds it the proper course to pursue.

Is it not often said that the late planted potatoes are better for seed than those planted early? The lateness of their planting, presumably, prevents ripening, hence the principle of the above reasoning would be in force. Planting should not be done while the land is wet. Much, however, depends on the kind of soil, and whether it was fall-plowed or whether it is sod. The latter always seems drier than the former. As a rule, it may be said that no land should be plowed when it sticks to a bright steel mold-board.

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**NEW AND ELEGANT CARS**  
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The CHEAPEST and most Pleasant Route to Baltimore, Philadelphia, New York, and Boston, via Norfolk, and the splendid Steamships which leave regularly, in connection with this Railway, that City, for the above places.

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Having made arrangements with the "All-Atlantic Line of Steamships," which ply monthly between Liverpool and Norfolk, we can send our well-dressed and comfortable passengers to Europe, and from Liverpool, to  
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